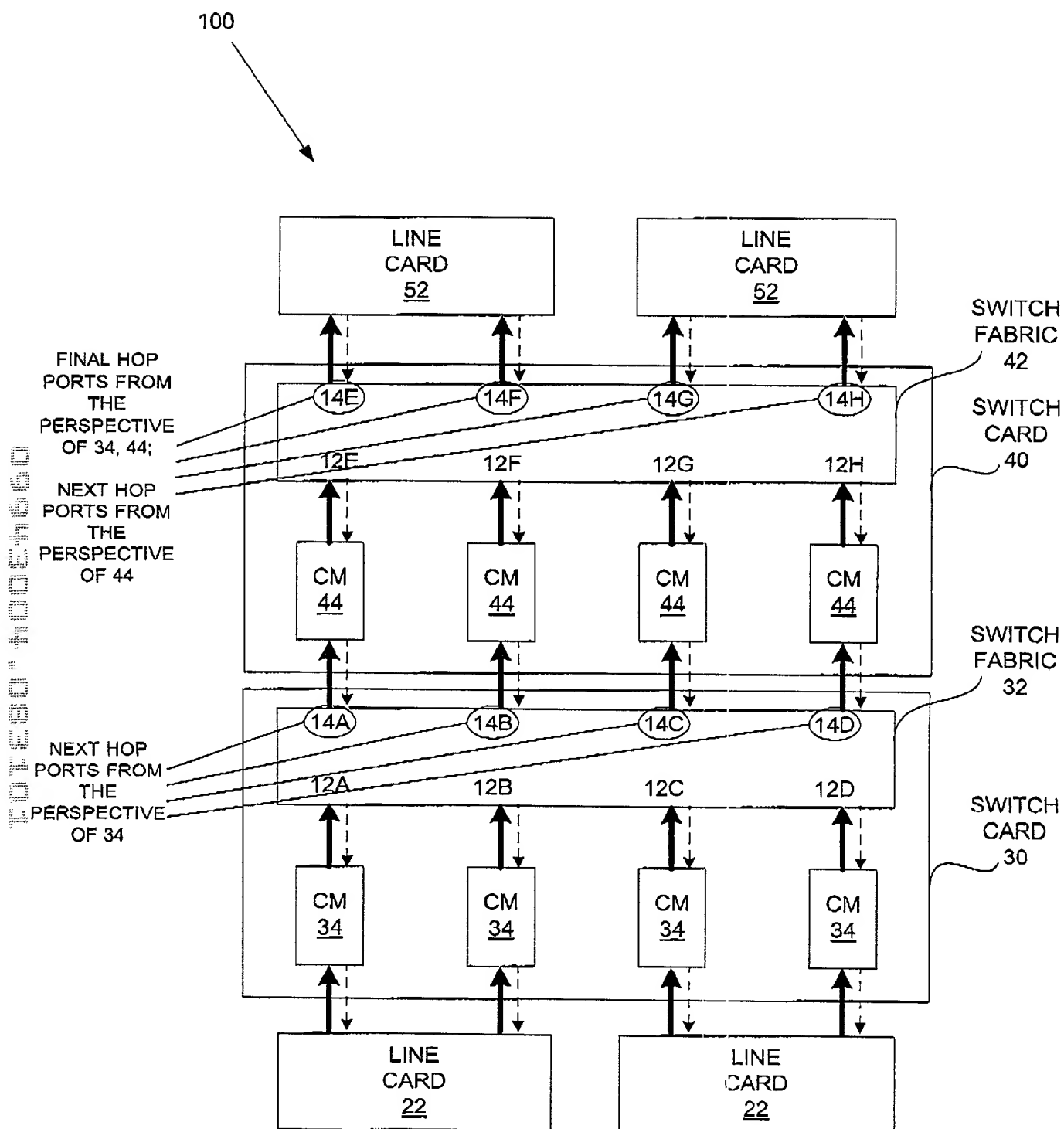


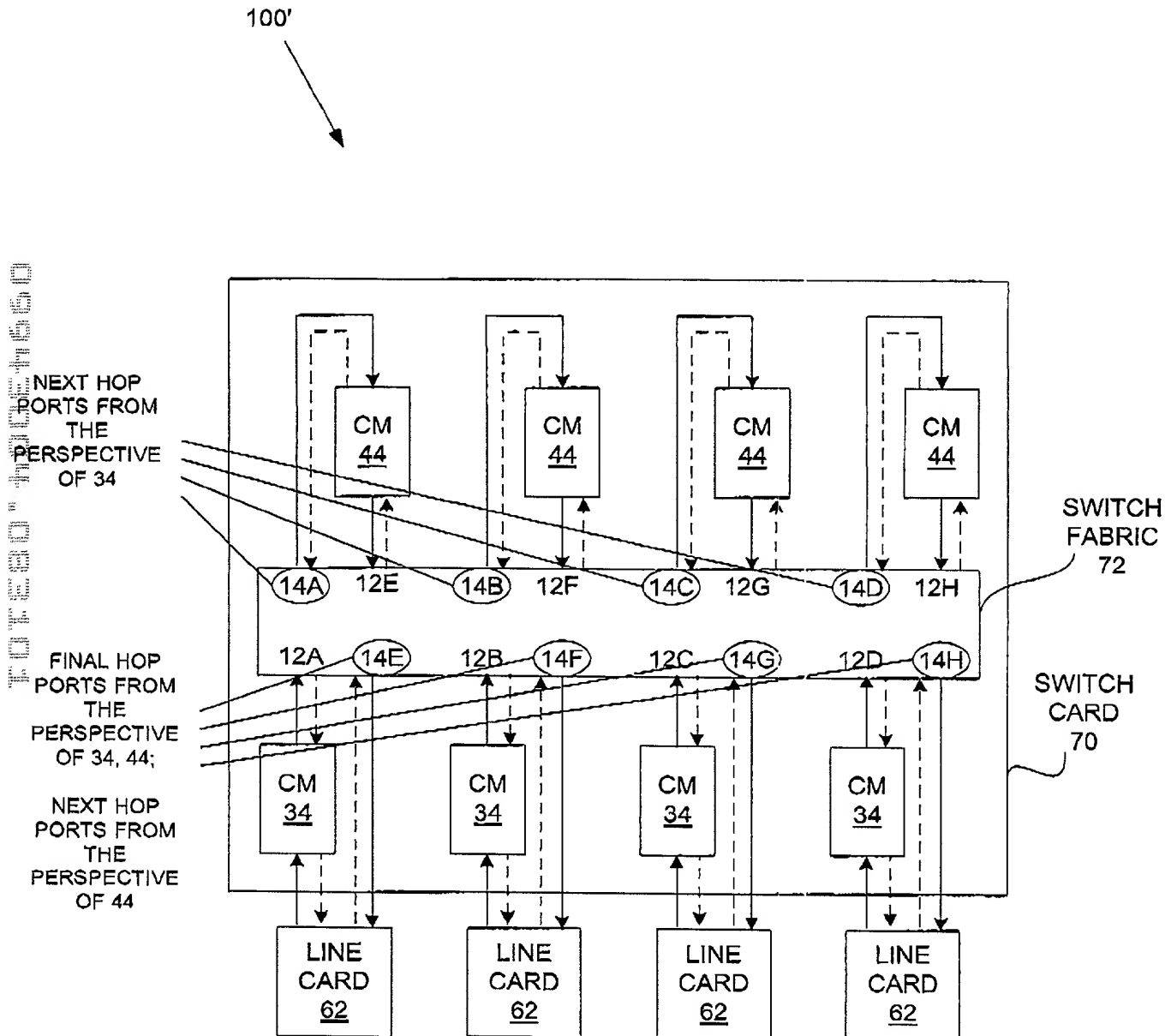
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Fig. 1A



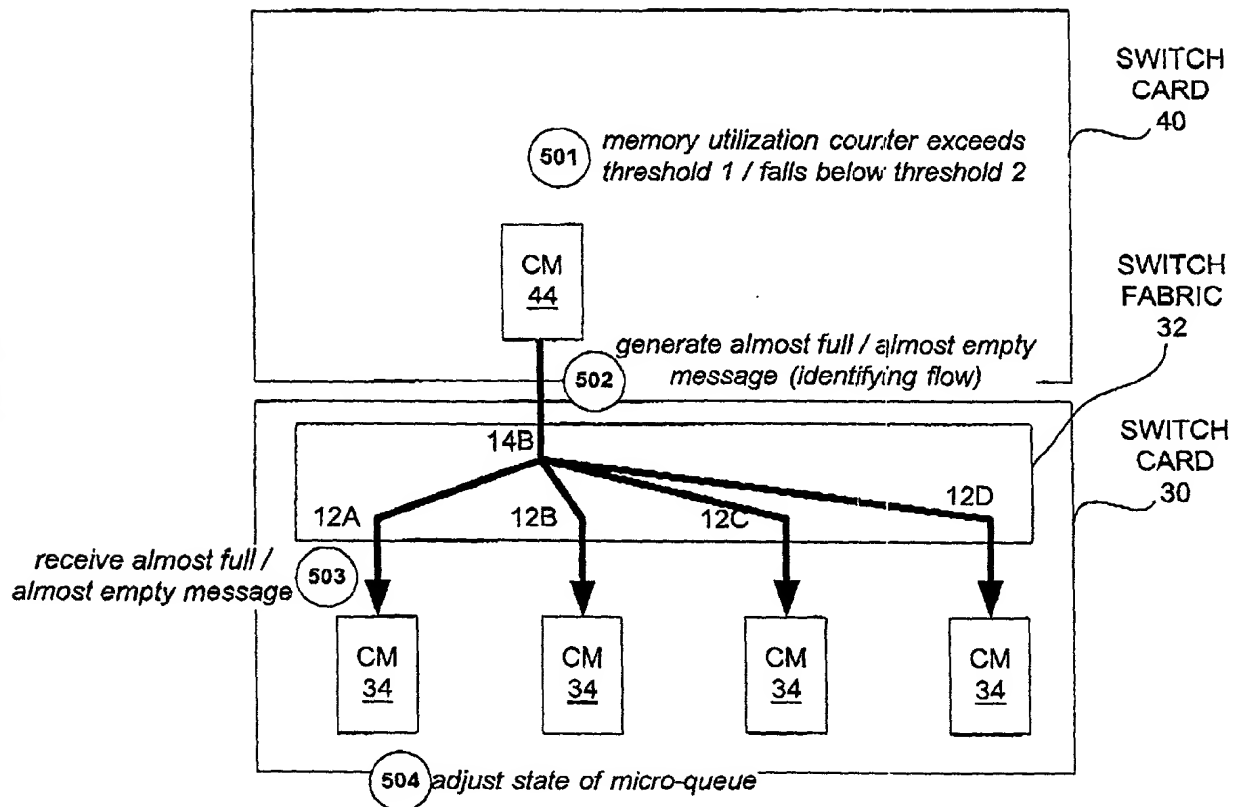
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Fig. 1B



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Fig. 2



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Fig. 3

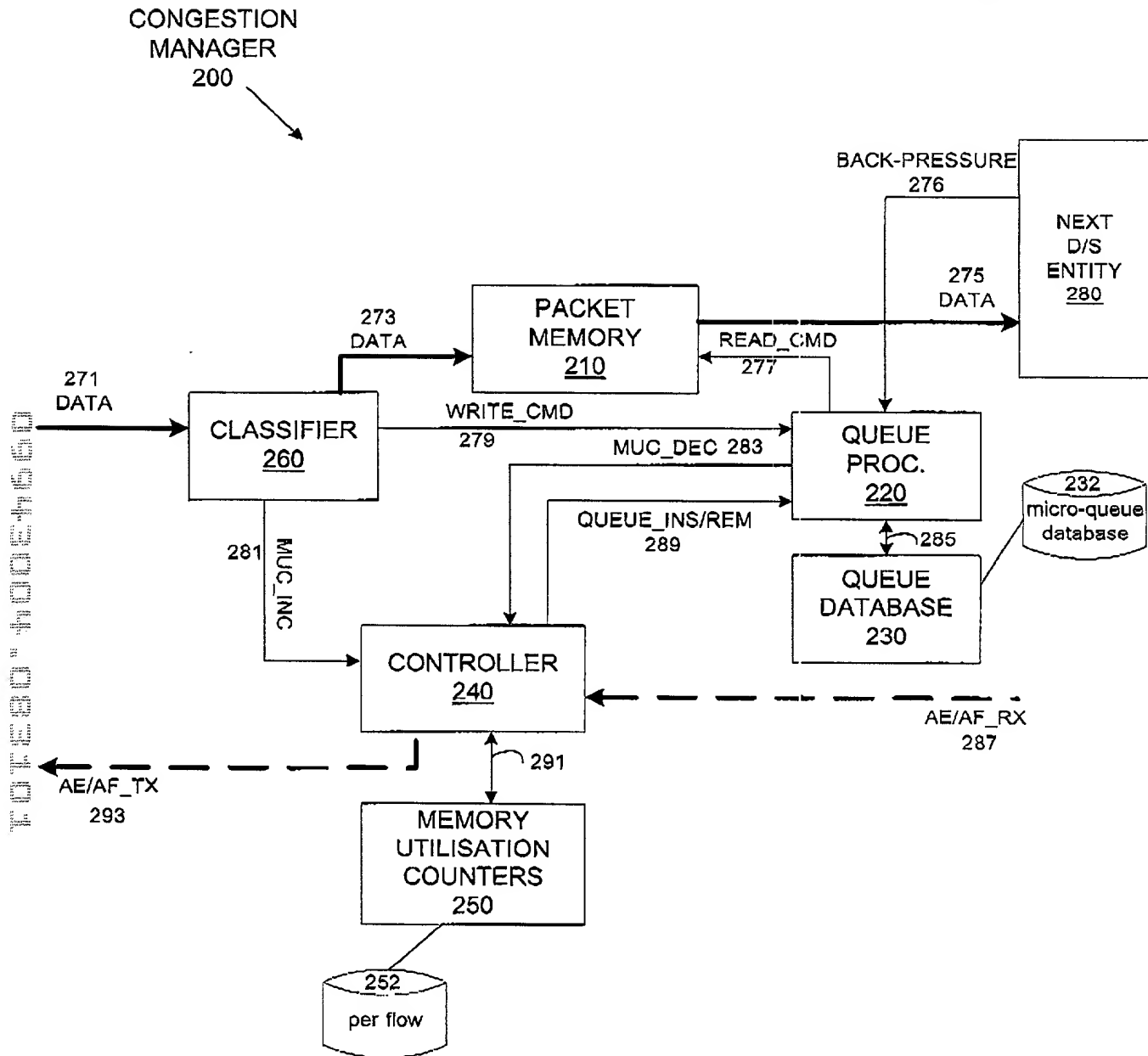


Fig. 4

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defines a flow

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NEXT HOP PORT	FINAL HOP PORT	SERVICE CLASS	LINKED LIST OF ADDRESSES IN PACKET MEMORY 210	ACTIVE / INACTIVE
14A	14E	LOW	XX, XX, XX	XX
14A	14E	MED	XX, XX, XX	XX
14A	14E	HIGH	XX, XX, XX	XX
14A	14F	LOW	XX, XX, XX	XX
14A	14F	MED	XX, XX, XX	XX
14A	14F	HIGH	XX, XX, XX	XX
14A	14G	LOW	XX, XX, XX	XX
14A	14G	MED	XX, XX, XX	XX
14A	14G	HIGH	XX, XX, XX	XX
14A	14H	LOW	XX, XX, XX	XX
14A	14H	MED	XX, XX, XX	XX
14A	14H	HIGH	XX, XX, XX	XX
14B	14E	LOW	XX, XX, XX	XX
...				
14D	14H	HIGH	XX, XX, XX	XX

USED BY QUEUE PROCESSOR 220 TO
TRANSMIT TO NEXT HOP PORT 14A

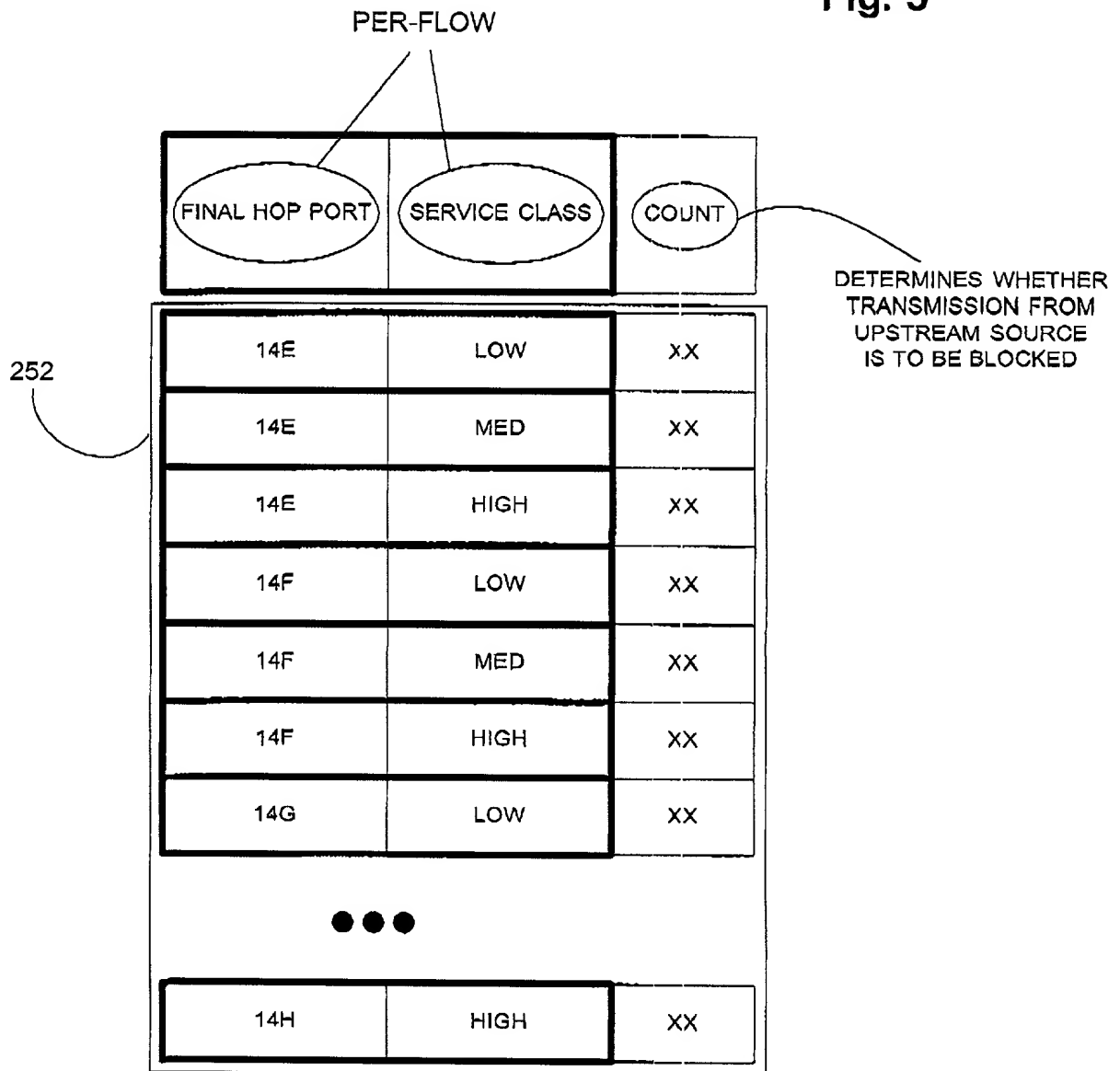
LEGEND:



MICRO-QUEUE

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Fig. 5



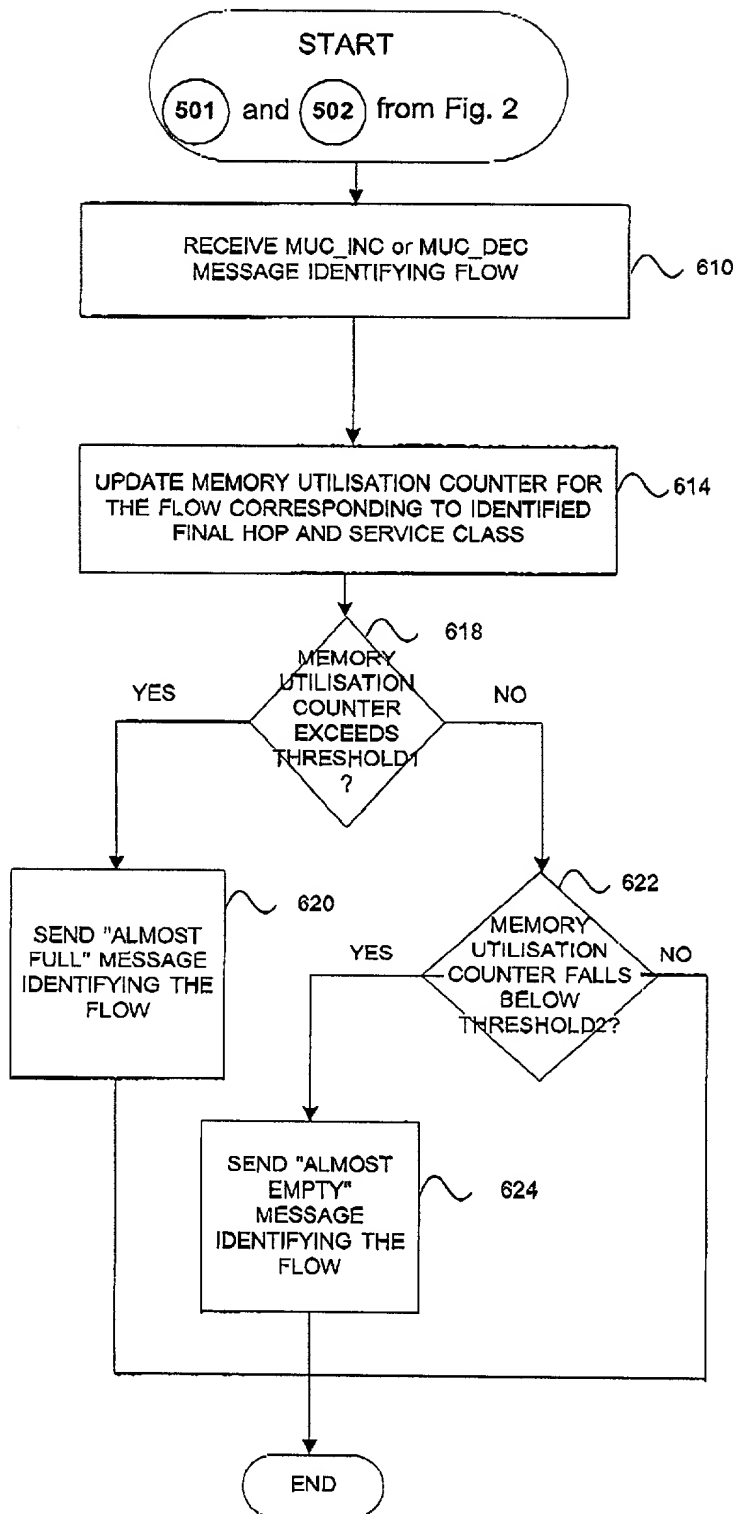
LEGEND:



PER-FLOW MEMORY
UTILISATION COUNTER

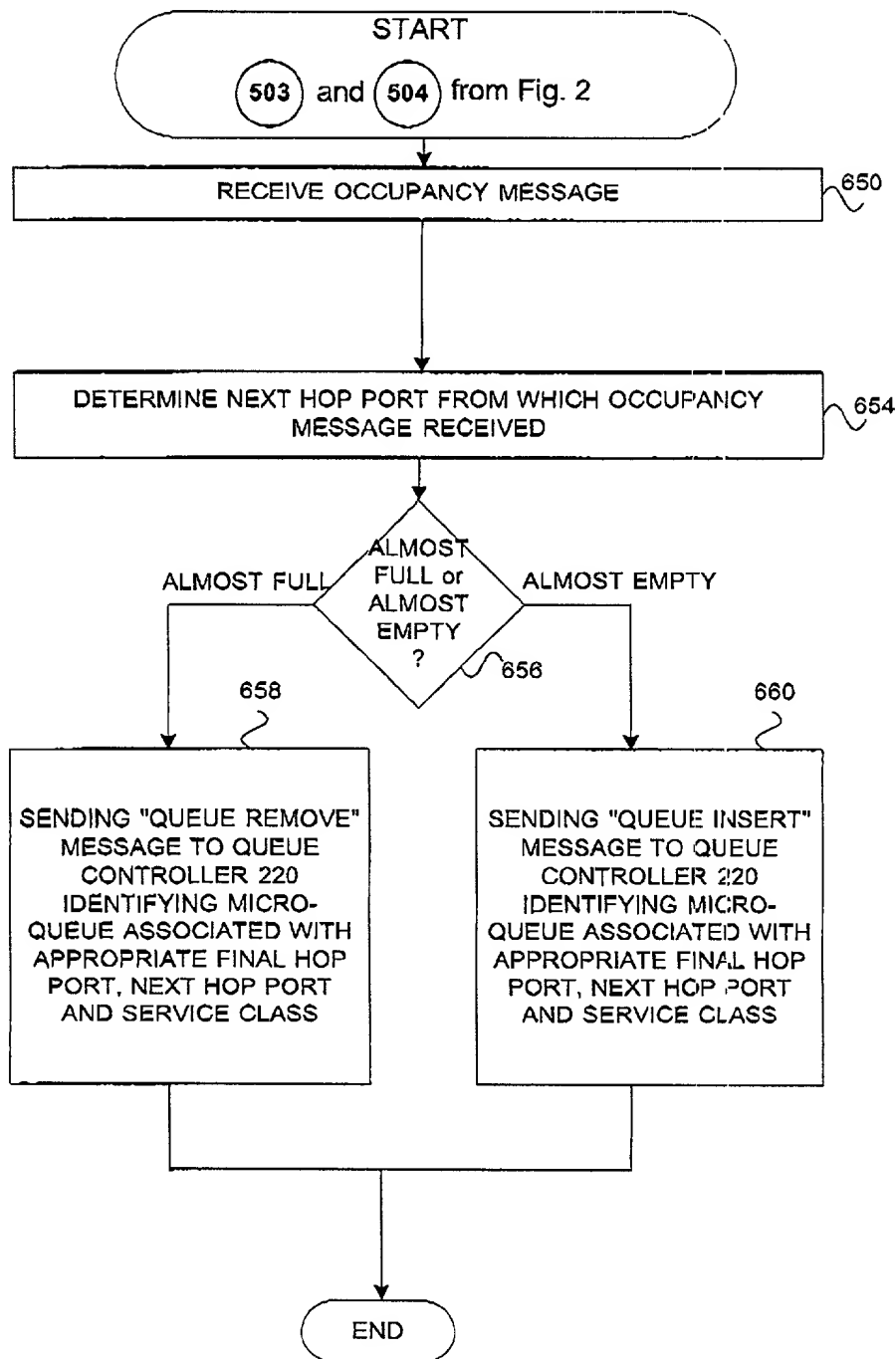
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Fig. 6A



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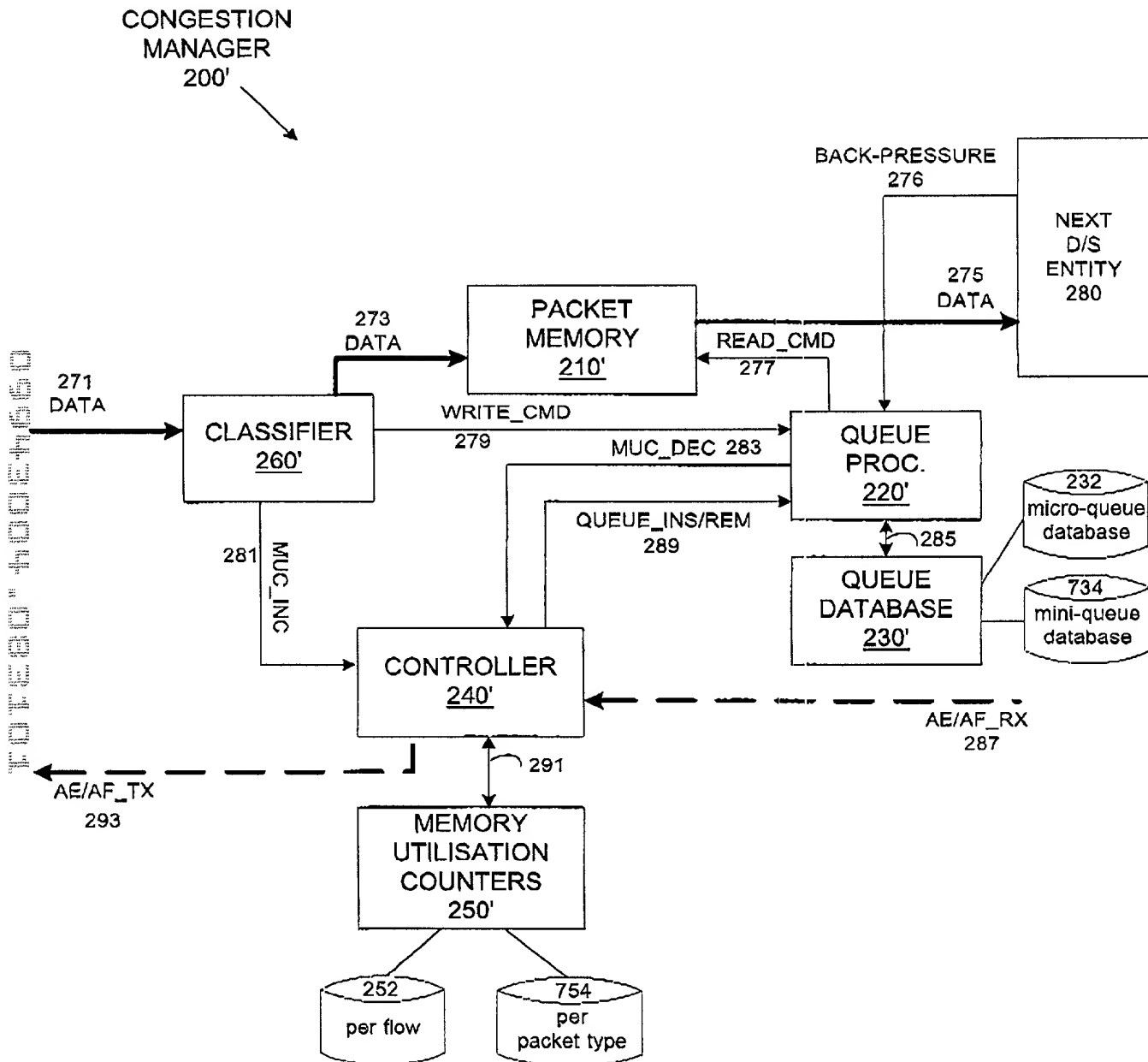
Fig. 6B



F01E80+00E450

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Fig. 7



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Fig. 8

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FINAL HOP PORT	PACKET TYPE	LINKED LIST OF ADDRESSES IN PACKET MEMORY 210'	ACTIVE / INACTIVE
14E	MULTICAST LOW	XX, XX, XX	XX
14E	MULTICAST MED	XX, XX, XX	XX
14E	MULTICAST HIGH	XX, XX, XX	XX
14E	CONGESTION MANAGEMENT	XX, XX, XX	XX
14E	OTHER	XX, XX, XX	XX
14F	MULTICAST LOW	XX, XX, XX	XX
● ● ●			
14H	OTHER	XX, XX, XX	XX

USED BY QUEUE
PROCESSOR 220' TO
TRANSMIT TOWARDS
FINAL HOP PORT 14E

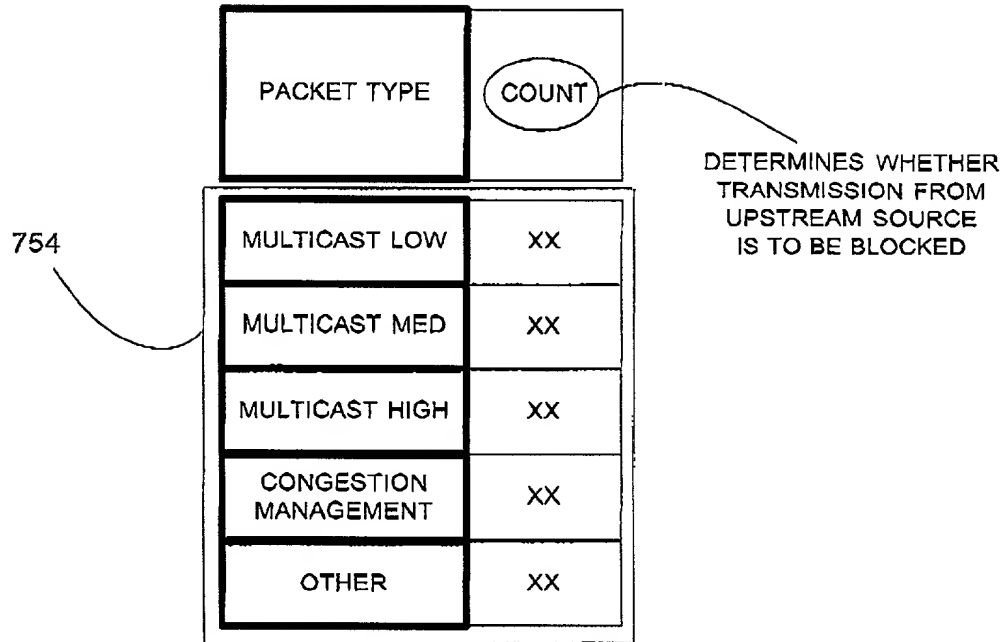
LEGEND:



MINI-QUEUE

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Fig. 9



LEGEND:

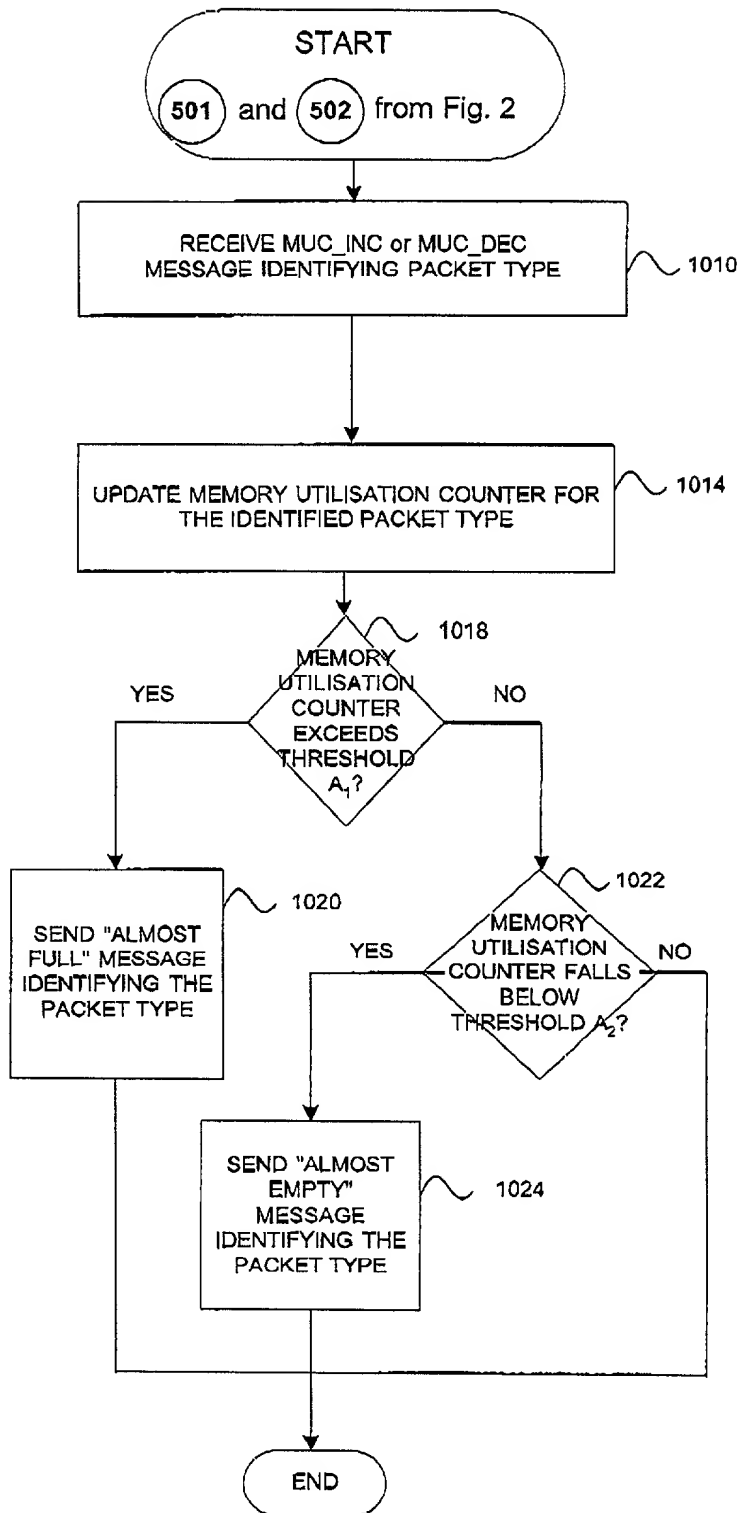


PER-PACKET-TYPE
MEMORY UTILIZATION
COUNTER

101E30"400E4560

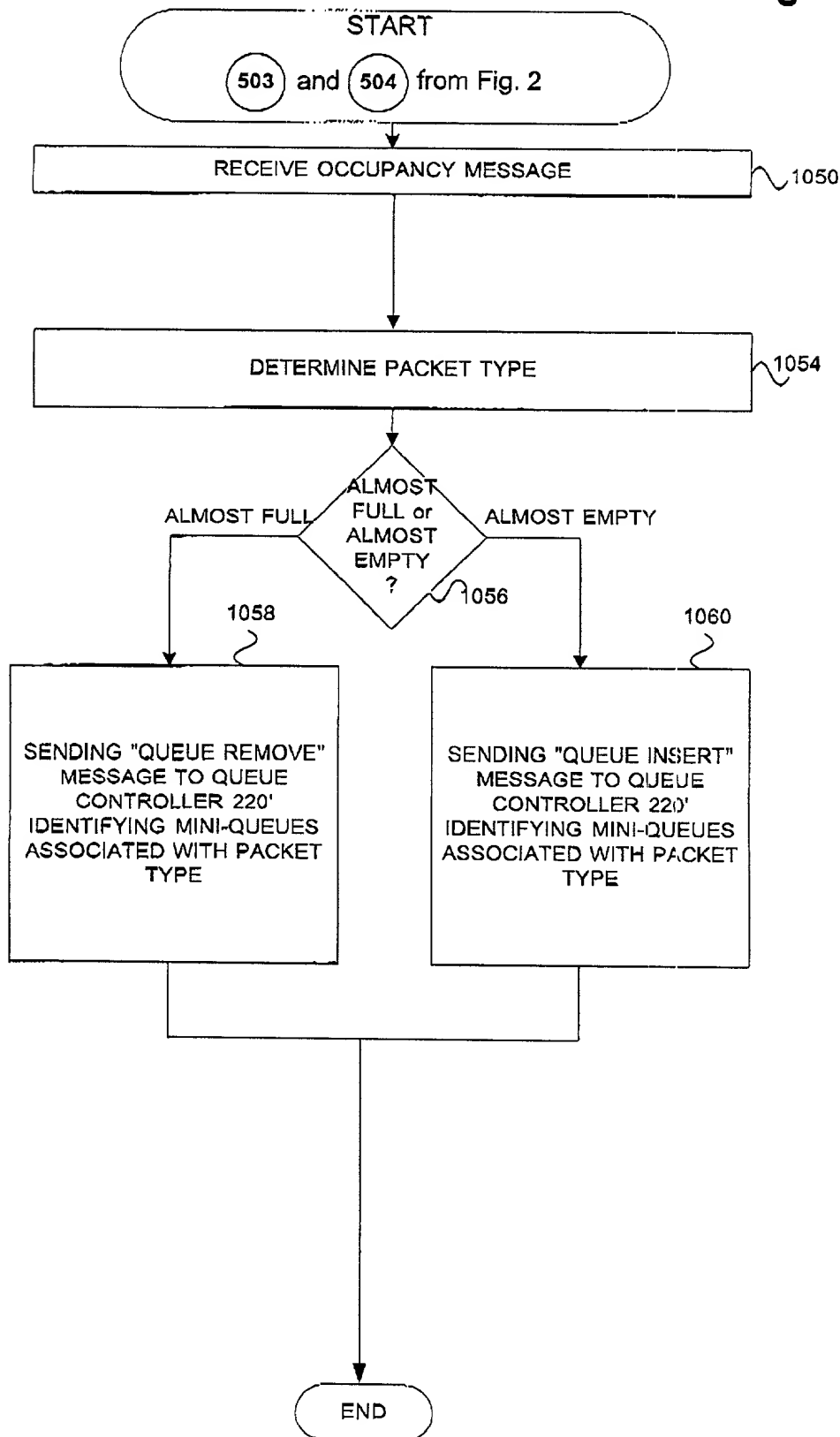
Fig. 10A

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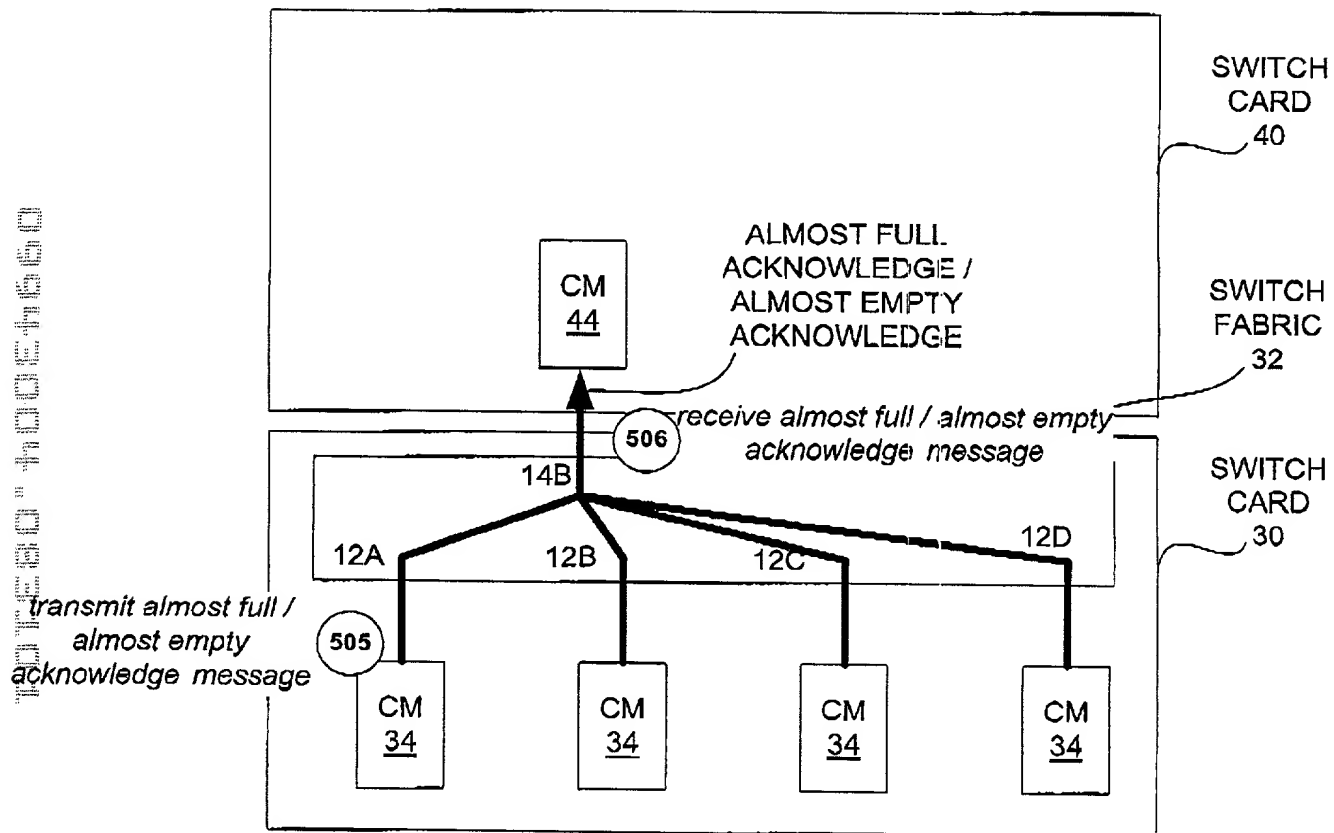
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Fig. 10B



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Fig. 11



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Fig. 12

